Amendments to the Claims

This listing of claim will replace all prior versions and listings of claim in the application.

1) (currently amended) A processing device, comprising:

~~(a)~~ a storage device;

~~(b)~~ a processor coupled to the storage device; and,

~~(c)~~ wherein the storage device stores a first software component ~~for notifying~~ capable of notifying a status information of a first device responsive to a first short-range radio frequency signal.

2) (original) The processing device of claim 1, wherein the processing device is a cellular telephone.

3) (original) The processing device of claim 1, wherein the processing device is a cellular modem.

4) (original) The processing device of claim 1, wherein the first device is selected from a group consisting of a desktop computer, a laptop computer, a personal digital assistant, a headset, a pager, a printer, a watch, a digital camera and an equivalent.

5) (currently amended) The processing device of claim 1, wherein the first device is selected ~~form~~ from a group consisting of a thin terminal and a smart terminal.

6) (currently amended) The processing device of claim 1, wherein the processing device includes a short-range radio processor and a 2.4 GHZ or 5.7 GHZ transceiver.

7) (currently amended) The processing device of claim 1, wherein the processing device ~~includes a short-range radio processor and a 5.7 GHZ transceiver~~ is capable of displaying the status information in a form of a graphic element.

8) (currently amended) The processing device of claim 1, wherein the first software component notifies ~~the~~ a status information of a second device responsive to a second short-range radio frequency signal.

9) (currently amended) The processing device of claim 8, wherein the processing device, the first device and second device form a short distance wireless network, and wherein the first device communicates with the second device through the processing device.

10) (original) The processing device of claim 8, wherein the processing device, the first device and the second device form a 802.11 network.

11) (original) The processing device of claim 8, wherein the processing device, the first device and second device form a Bluetooth™ network.

12) (currently amended) The processing device of claim 78, wherein the ~~processing device, the first device and the second device form a short distance wireless network~~ graphic element is color coded.

13) (currently amended) The processing device of claim 1, wherein the status information ~~regarding the first device~~ includes an available battery power of the first device, and wherein the processing device is capable of displaying the status information.

14) (currently amended) The processing device of claim 1, wherein the status information ~~regarding the first device~~ includes an available operating time of the first device, and wherein the processing device is capable of displaying the status information.

15) (currently amended) The processing device of claim 9, wherein the status information ~~regarding the first device~~ includes a quality of a received signal from the short distance wireless network, and wherein the processing device is capable of displaying the status information.

16) (currently amended) The processing device of claim 1, wherein the status information ~~regarding the first device~~ includes a quality of a received signal from ~~the~~ a cellular network coupled to the Internet, and wherein the processing device is capable of displaying the status information.

17) (currently amended) The processing device of claim 16, wherein the cellular network generates a cellular protocol signal selected from a ~~the~~ group consisting of Global System for Mobile Communications protocol, Code Division Multiple Access protocol, Code Division Multiple Access 2000

protocol, Universal Mobile Telecommunications Systems protocol, Time Division Multiple Access protocol, General Packet Radio Service and an equivalent.

18) (currently amended) The processing device of claim 1, wherein the status information is ~~calculated~~ selected from a group consisting of a graphic element, a text, an audio, an email message, a message, a vibration and an equivalent.

19) (currently amended) The processing device of claim 1 ~~18~~, wherein the ~~calculated~~ status information is calculated and includes a received signal indication calculated from a bit error rate of the first device.

20) (currently amended) The processing device of claim 1 ~~18~~, wherein the ~~calculated~~ status information is calculated and includes a received signal indication calculated from a signal strength of the first device.

21) (original) The processing device of claim 1, wherein the status information includes a selected minimum battery level status of the processing device and the first device.

22) (original) The processing device of claim 1, wherein the storage device stores a second software component for polling the first device in order to obtain the status information.

23) (currently amended) The processing device of claim 1, wherein the first short-range radio frequency signal includes status information generated on a periodic basis from the first device.

24) (original) The processing device of claim 1, wherein the storage device stores a second software component for obtain the status information of the first device responsive to a user selection.

25) (currently amended) The processing device of claim 1, wherein the first short-range radio frequency signal includes status information generated from the first device in response to a first device event.

26) (original) The processing device of claim 25, wherein the first device event includes the remaining power of the first device falling below a predetermined value.

27) (original) The processing device of claim 25, wherein the first device event includes a quality of a received signal of the first device falling below a predetermined value.

28) (currently amended) A system for providing status information in a short distance wireless network, comprising:

~~(a)~~ a first device ~~for generating~~ capable of generating a first short-range radio frequency signal containing status information of the first device; and,

~~(b)~~ a second device ~~for receiving~~ capable of receiving the first short-range radio frequency signal and notifying the status information of the first device.

29) (original) The system of claim 28, wherein the first device and the second device includes a short-range radio processor and a short-range radio transceiver.

30) (currently amended) The system of claim 28, further comprising:

~~(c)~~ a third device ~~providing~~ capable of generating a second short-range radio frequency signal containing status information of the third device, and wherein the second device receives the second short-range radio frequency signal and notifies the status information of the third device, wherein the second device displays the status information of the first device and the status information of the second device.

31) (currently amended) The system of claim 30, wherein the first device, the second device and third device form a short distance wireless network, and wherein the status information of the first device and the status information of the second device is selectively displayed responsive to a notify preference value.

32) (original) The system of claim 28, wherein the status information includes a remaining power in the first device.

33) (original) The system of claim 28, wherein the status information includes a quality of a received signal of the first device.

34) (original) The system of claim 28, wherein the status information includes calculated status information regarding of the first device.

35) (original) The system of claim.28, wherein the status information includes a selected minimum battery status from the first device and the second device.

36) (currently amended) The system of claim 28, wherein the ~~first~~ second device includes a software component for polling the ~~second~~ first device in order to obtain the status information.

37) (currently amended) The system of claim 28, wherein the first short-range radio frequency signal is generated on a periodic basis from the first device.

38) (original) The system of claim 28, wherein second device obtains the status information of the first device responsive to a user selection.

39) (original) The system of claim 28, wherein the first device, responsive to a first device event, generates the status information.

40) (original) The system of claim 39, wherein the first device event includes a remaining power in the first device falling below a predetermined value.

41) (original) The system of claim 39, wherein the first device event includes a quality of a received signal of the first device falling below a predetermined value.

42) (currently amended) An article of manufacture, including a computer readable medium, comprising:

~~(a)~~ a short-range radio software component ~~for receiving~~ capable of processing a short-range radio frequency signal in a short distance wireless network; and,

~~(b)~~ a notify software component ~~for notifying~~ capable of notifying a status information of ~~a~~ a first device and a second device in the short distance wireless network.

43) (currently amended) A method for providing status information in a short distance wireless network, comprising ~~the steps of~~:

~~(a)~~ obtaining status information of a device in the short distance wireless ~~l~~ network responsive to a short-range radio frequency signal; and,

~~(b)~~ notifying the status information responsive to a status information notify preference value.

44) (original) The method of claim 43, wherein the status information is calculated responsive to a status information type value.

45) (new) The article of manufacture of claim 42, further comprising:

a calculate software component capable of calculating the status information.

46) (new) The article of manufacture of claim 45, further comprising:

an obtain software component capable of obtaining the status information.

47) (new) The method of claim 43, further comprising:

selecting the notify preference responsive to a user selection, wherein the notify preference value indicates which respective status information of a plurality of terminals in the short distance wireless network is displayed.

48) (new) The method of claim 47, further comprising:

selecting a status information threshold value responsive to a user selection, wherein the status information threshold value indicates when the status information is displayed